



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/592,393	06/13/2000	William Keith Chandler	CNA-018-DIV	7087

7590 05/20/2003  
Ciena Corporation  
Legal Department  
1201 Winterson Road  
Linthicum, MD 21090

EXAMINER

CHERRY, EUNCHA P

ART UNIT	PAPER NUMBER
----------	--------------

2872

DATE MAILED: 05/20/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/592,393

Applicant(s)

CHANDLER ET AL.

Examiner

EUNCHA P. CHERRY

Art Unit

2872

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 28 February 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 2-6,8,9,11 and 13-15 is/are pending in the application.
- 4a) Of the above claim(s) 2-6,8 and 9 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 11,13-15 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

### Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                             | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____  |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)         | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ | 6) <input type="checkbox"/> Other: _____                                    |

Art Unit: 2872

**DETAILED ACTION**

1. It is noted that the dependency of claim 14 is changed and accordingly it is examined.

***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

3. Claims 13 and 14 are rejected under 35 U.S.C. 102(e) as being anticipated by Teichman et al.

Art Unit: 2872

Teichman et al discloses an apparatus for inspecting an optical device on an optical module (Figs. 1a-1f), comprising:

an optical platform (19);

an inspection station disposed along a top surface of the optical platform (14) having an optical device interface located a fixed distance above the top surface of the optical platform (22, 23);

an optical module carrier (13) for holding the optical module (12a) and conveying the optical module along the top surface of the optical platform to the inspection station (column 3, lines 36-65), the optical module carrier positioning the optical device at a distance above the optical platform corresponding to the fixed distance the optical device interface is located above the top surface (column 3, lines 41-47), wherein the optical module carrier further comprises:

a tray (13) having a top surface for supporting the optical module (see Fig. 1b);

vertical pillars (see Fig. 1a, two bumps that holds 12a) for securing the optical module on the top surface of the carrier; and

a plurality of rollers for conveying the tray (two elements guided along 16), the rollers each mounted in a bottom surface

Art Unit: 2872

of the tray, each of the rollers extending a fixed distance below the bottom surface of the tray (see Fig. 1a).

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this

Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

5. Claim 11 is rejected under 35 U.S.C. 103(a) as being unpatentable over Teichman et al in view of Davis et al.

Teichman et al discloses the claimed invention as set forth above except that the platform is coated with silicone based coating. Davis et al discloses the platform that is coated with the silicon based coating (column 6, lines 36-41). It would have been obvious to one of ordinary skill in the art to coat the platform with silicone based coating for the purpose of increasing friction between the element and the platform so that the element can be stay on the platform without slipping off.

6. Claim 15 is rejected under 35 U.S.C. 103(a) as being unpatentable over Teichman et al in view of Nowicki.

Art Unit: 2872

Teichman et al discloses the claimed invention as set forth above except the rollers have springs. Nowicki discloses spring for a roller (column 2, lines 9-15). It would have been obvious to one of ordinary skill in the art to add a spring for a roller for the purpose of limiting a movement of a roller along the guide rail.

***Response to Arguments***

7. Applicant's arguments filed 2/28/2003 have been fully considered but they are not persuasive.

Applicant argues that Teichman et al does not discloses the present invention including an optical module carrier for holding an optical module having an optical device, because the prior art's PBC lacks any optical component. Examiner disagrees. It is clear that the PCB is an optical module having an optical device as pointed out by the abstract of the prior art (see last two lines of the abstract). Applicant also fails to distinguish of his optical module and optical device any structurally different than the prior art.

The breaths of the arguments for claims 11 and 15 are same as claim 13, therefore, the responses are as set forth above.

Art Unit: 2872

**Conclusion**

8. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to EUNCHA P. CHERRY whose telephone number is 703-305-0997. The examiner can normally be reached on M-F 6:30-4:00, alternate Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, CASSANDRA SPYROU can be reached on 703-308-1687. The fax phone numbers for the organization where this application or proceeding is assigned

Application/Control Number: 09/592,393

Page 7

Art Unit: 2872

are 703-308-7722 for regular communications and 703-308-7724 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

Euncha Cherry  
May 19, 2003

